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Lambda链

Mouse Monoclonal antibody(Mab)
Catalog # AD80089

Product Information

Application	IHC-P
Primary Accession	P01701
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	700F2F8
Calculated MW	12249

Additional Information

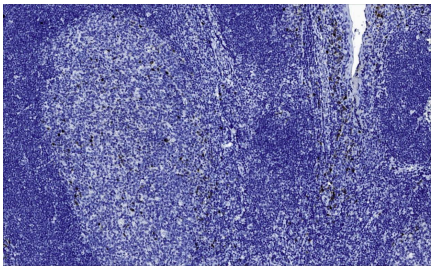
Gene Name	IGLC1 {ECO:0000303|PubMed:11872955, ECO:0000303|Ref.6}
Other Names	Immunoglobulin lambda variable 1-51 {ECO:0000303|PubMed:11872955, ECO:0000303|Ref.7}, Ig lambda chain V-I region BL2, Ig lambda chain V-I region EPS, Ig lambda chain V-I region NEW, Ig lambda chain V-I region NIG-64, IGLV1-51 {ECO:0000303|PubMed:11872955, ECO:0000303|Ref.7}
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	Lambda Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

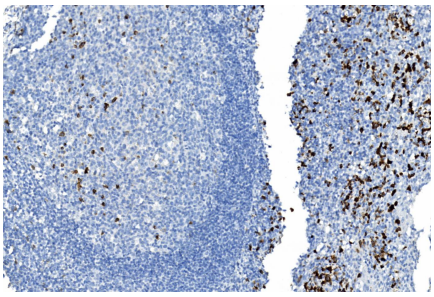
Name	IGLV1-51 {ECO:0000303|PubMed:11872955, ECO:0000303|Ref.7}
Function	V region of the variable domain of immunoglobulin light chains that participates in the antigen recognition (PubMed:24600447). Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Secreted immunoglobulins mediate the effector phase of humoral immunity, which results in the elimination of bound antigens (PubMed:20176268, PubMed:22158414). The antigen binding site is formed by the variable domain of one heavy chain, together with that of its associated light chain. Thus, each immunoglobulin has two antigen binding sites with remarkable affinity for a particular antigen. The variable domains are assembled by a process called V-(D)-J rearrangement and can then be subjected to somatic hypermutations which, after exposure to antigen and

	selection, allow affinity maturation for a particular antigen (PubMed:17576170, PubMed:20176268).
Cellular Location	Secreted. Cell membrane

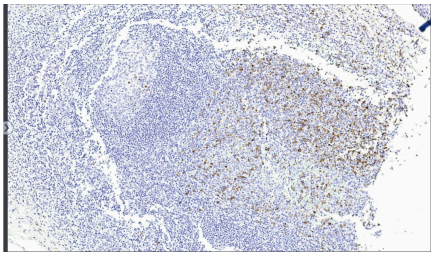
Images



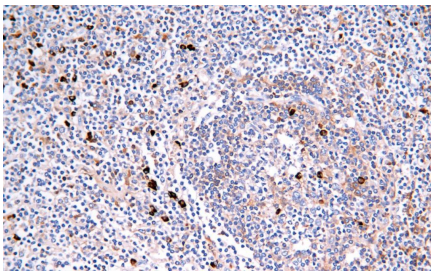
Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with Lambda primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.